S
553.28
O1S
July
1972
SHELVED WITH PERIODICALS

Montana State Library
3 0864 1006 0261 7

1972

MONTANA OIL AND GAS STATISTICAL BULLETIN

ADMINISTRATORS

NORMAN J. BEAUDRY, ADMINISTRATOR
P. O. BOX 217
HELENA, MONTANA 59601

DONALD A GARRITY, ATTORNEY
422 NORTH PARK AVENUE
HELENA, MONTANA 59601

JUDSON D. SWEET, PETROLEUM ENGINEER
15 POLY DRIVE
BILLINGS, MONTANA 59101

HERBERT D. HADLEY, GEOLOGIST
15 POLY DRIVE
BILLINGS, MONTANA 59101

BOARD MEMBERS

L. V. HARRIS, CHAIRMAN
HORSKY BLOCK BLDG.
HELENA, MONTANA 59601

C. J. IVERSON, VICE CHAIRMAN
WHITLASH, MONTANA 59545

MILTON G. ANDERSON
P. O. BOX 73
SIDNEY, MONTANA 59270

R. A. CAMPBELL
1222 N. 27TH AVE.
BILLINGS, MONTANA 59101

BOARD OF OIL AND GAS CONSERVATION
SAVINGS BLDG.
HELENA, MONTANA 59601

Vol. XX, No. 7 **JULY, 1972**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of July, 1972, averaged 93,538 barrels daily, a decrease of 424 barrels from the average June, 1972, production of 93,962.

The nine refineries in the state processed 135,041 barrels of crude oil daily for the month of July, 1972, a decrease of 7,568 barrels from the 142,609 barrels processed daily during the month of June, 1972.

During July, 47 wells were completed, 2 oil, 11 gas and 34 dry holes.

Dudring July the commission issued 107 permits to drill new wells, an increase of 16 from the 94 permits issued during June.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF JULY, 1972

IN STORAGE JULY 1st	
By Producers	304,580
By Transporters	1,480,979
By Refiners	1,091,168
TOTAL STORAGE	2,876,727
Produced in Montana During Month	2,899,676
Imported During Month	3,340,300
TOTAL	9,116,703
DISPOSITION:	
Refined in Montana	4,186,272
Exported	2,185,937
Used for Fuel or Lost	1,346
TOTAL	6,373,555
IN STORAGE JULY 31st	
By Producers	303,167
By Transporters	1,378,479
By Refiners	1,061,502
TOTAL STORAGE	2,743,148

NATURAL GAS WITHDRAWALS IN MONTANA

Month of July, 1972

Field	M. C. Ft.
Bell Creek	74,692
Big Coulee	44,969
Blackjack	47,769
Bowdoin	53,806
Bowes	—0—
Cabin Creek	86,813
Cedar Creek	57,369
Cut Bank (including Regan)	317,752
Dry Creek	7,558
Elk Basin	47,764
Flat Coulee	—0—
Gold Butte	3,402
Grandview	6,752
Hardin	3,021
Keith Block	59,531
Kevin Sunburst	2,334
Lake Basin	—0—
Middle Butte	373
Mt. Lilly	—0—
Pine	41,772
Plevna	1,837
South Devon	37,295
Tiger Ridge —Squaw Coulee	69,758
Trail Creek	9,350
Utopia	—0—
West Butte	—0—
Whitlash	1,931
Miscellaneous	478,610
TOTAL	1,454,458

Total Withdrawals for July, 1971, were 2,065,727.

PRODUCERS REPORT — MONTH OF JULY, 1972

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Trucks	Used or Lost	Storage End of Month
3	Ash Creek	3	331	1,026	.....	1,261	.....	65
1	Bainville	1	2,851	2,074	.....	1,987	.....	2,938
2	Bannatyne	2	.....	394	394	.....	.....	.....
6	Bear's Den	7	2,294	1,252	.....	1,841	.....	1,705
18	Bell Creek	258	21,689	526,960	525,691	.....	.....	22,958
1	Benrud	1	215	2,837	2,583	.....	.....	469
2	Benrud East	2	1,225	12,618	12,375	.....	.....	1,468
1	Benrud Northeast	1	723	1,902	1,507	.....	.....	1,118
1	Berthelote	1	630	173	583	.....	.....	220
6	Big Wall	8	2,003	7,311	8,444	.....	.....	870
5	Blackfoot	6	490	1,721	1,580	.....	.....	631
3	Border	5	1,051	521	.....	563	.....	1,009
1	Bowes	44	4,534	10,604	12,118	.....	.....	3,020
1	Bradley	1	411	561	818	.....	.....	154
2	Brady	2	102	.....	.....	.....	.....	102
4	Brorson-Madison	4	1,036	3,626	.....	3,053	.....	1,609
5	Brorson-Red River	5	4,565	10,184	.....	9,591	.....	5,158
3	Brorson-Red River South	3	1,548	5,735	.....	5,372	.....	1,911
7	Brush Lake	7	1,224	18,786	19,113	.....	(40)	937
2	Cabin Creek	90	.....	264,898	264,898	.....	.....	.....
1	Canal	1	1,328	6,270	.....	6,952	.....	646
10	Cat Creek	48	2,492	16,056	15,579	.....	.....	2,969
1	Clark's Fork	1	143	135	.....	186	.....	92
1	Clark's Fork South	1	71	529	.....	551	.....	49
2	Conrad South	2	100	587	587	.....	.....	100
2	Cow Creek	2	368	834	.....	834	.....	368
4	Cow Creek East	5	1,107	40,186	.....	40,423	.....	870
1	Culbertson	1	594	806	.....	1,276	.....	124
3	Cupton	6	3,552	9,614	.....	10,512	.....	2,654
130	Cut Bank	865	52,528	407,884	408,092	582	1	51,737
....	Dean Dome	....	65	.....	.....	.....	.....	65
1	Deer Creek	1	748	1,260	1,314	.....	.....	694
1	Delphia	1	135	623	.....	507	.....	251
1	Devil's Basin	1	1,314	126	765	.....	.....	675
3	Dwyer	14	3,776	17,500	16,628	.....	.....	4,648
3	Elk Basin	48	960	133,124	133,256	.....	.....	828
4	Elk Basin Northwest	8	1,649	4,225	4,225	.....	.....	1,649
5	Fairview	10	9,152	36,027	14,811	21,031	.....	9,337
2	Fertile Prairie	2	512	1,607	.....	1,262	.....	857
5	Flat Coulee	20	1,943	5,979	5,563	.....	.....	2,359
40	Flat Lake	52	4,443	51,249	50,267	.....	.....	5,755
6	Flat Lake South	6	1,295	8,088	8,407	.....	.....	976
1	Ft. Gilbert	2	271	21,690	21,770	.....	.....	191
1	Frannie	1	.....	1,581	1,581	.....	.....	.....
9	Fred & George Creek	35	2,600	37,644	37,562	.....	.....	2,682
1	Gage	1	120	156	.....	251	.....	25
3	Gas City	17	4,223	23,902	16,215	4,496	.....	7,114
2	Girard	2	2,215	3,883	.....	4,440	.....	1,658
11	Glendive	15	2,715	27,303	26,883	.....	.....	3,135
26	Goose Lake	34	5,591	32,206	32,529	.....	.....	5,268
8	Graben Coulee	14	5,956	3,597	1,267	1,607	.....	6,679
2	Gypsy Basin	2	187	355	355	.....	.....	187
1	Hay Creek-Mission Canyon	1	45	1,414	1,389	.....	.....	70
2	Hay Creek-Red River	2	303	9,947	9,756	.....	.....	494
5	Hiawatha	5	2,123	6,304	6,595	.....	.....	1,832
1	Injun Creek	1	767	516	608	.....	.....	675
5	Ivanhoe	11	1,681	4,315	4,688	.....	.....	1,308
1	Jim Coulee	17	4,883	41,088	41,602	.....	.....	4,369
5	Keg Coulee	17	4,115	10,491	9,562	.....	.....	5,044
2	Keg Coulee North	2	806	943	903	.....	.....	843
1	Kelley	3	1,175	8,313	8,491	.....	.....	997
73	Kevin Sunburst	426	8,191	24,136	20,872	3,157	.....	8,298
8	Laird Creek	10	903	2,868	.....	3,114	8	649
3	Leary	3	1,399	2,756	.....	1,820	39	2,296
1	Little Beaver	23	.....	36,129	36,129	.....	.....	.....
2	Little Beaver East*	12	1,729	13,194	13,022	.....	.....	1,901
1	Little Wall Creek	1	189	772	417	.....	.....	544
2	Lodge Grass	2	422	886	.....	977	.....	331
5	Lonetree Creek	5	1,371	77,637	.....	76,186	.....	2,822
3	Lookout Butte (Coral Creek)	31	137	55,305	55,172	.....	.....	270
1	Mason Lake	1	418	316	347	.....	45	342
2	Melstone	3	614	2,403	1,987	.....	.....	1,030
1	Mineral Bench	1	494	1,082	1,261	.....	.....	315
1	Miner's Coulee	1	107	253	.....	253	.....	107
11	Monarch	14	13,870	15,562	23,022	3,191	.....	3,219
3	Mosser	3	.....	573	.....	573	.....	.....
2	Otis Creek	2	374	4,423	.....	4,488	.....	309
6	Outlook	8	4,719	14,740	12,695	.....	.....	6,764
1	Outlook South	1	441	488	.....	.....	.....	929
2	Outlook West	2	1,438	3,007	2,999	.....	.....	1,446
1	Pennel-Lookout Butte	112	.....	164,672	164,672	.....	.....	.....
4	Pine	109	17,309	236,227	236,428	.....	.....	17,108
63	Pondera	261	4,098	25,241	25,090	.....	.....	4,249
1	Pondera Coulee	1	.....	163	163	.....	.....	.....
7	Poplar	63	6,329	45,218	42,022	.....	5	9,520
2	Poplar Northwest	2	1,177	1,452	746	.....	.....	1,883
1	Prairie Elk	1	1,535	101	864	.....	399	373
1	Pritchard Creek	1	167	351	351	.....	.....	167
1	Putnam	2	332	3,989	.....	4,196	4	121
5	Ragged Point	11	3,696	4,964	5,373	.....	.....	3,287
1	Rattlesnake Coulee	1	989	329	.....	.....	.....	1,318
2	Reagan	42	381	18,574	18,424	.....	.....	531
1	Red Creek	20	.....	12,377	12,177	200	.....	.....
1	Red Fox	1	173	740	650	.....	.....	263
1	Redstone	1	244	1,628	1,445	.....	.....	427
1	Repeat	1	220	1,277	.....	1,337	.....	160
3	Reserve	4	.....	10,340	10,340	.....	.....	.....
1	Richey	1	73	623	.....	.....	.....	696
1	Richey Southwest	5	331	1,872	1,705	.....	.....	498
1	Rough Creek	1	.....	299	.....	.....	177	122
1	Rush Mountain	1	327	2,605	2,063	.....	.....	869
2	Salt Lake	3	521	4,155	.....	3,815	.....	861
4	Sand Creek	6	997	3,156	3,412	.....	.....	741
1	Snyder	4	138	808	.....	792	.....	154
7	Soap Creek	18	555	3,930	.....	3,718	.....	767
2	Spring Lake	2	2,975	2,105	.....	3,057	.....	2,023
1	Stensvad	4	4,280	21,884	23,288	.....	.....	2,876
15	Sumatra	77	17,157	85,595	85,792	.....	.....	16,960
5	Tule Creek	6	2,619	22,831	21,658	.....	.....	3,792
2	Tule Creek East	2	1,142	7,827	8,482	.....	.....	487
2	Tule Creek South	3	491	2,539	.....	2,295	70	665
2	Vida	2	338	1,154	.....	1,080	.....	412
4	Volt	5	2,356	11,072	10,924	.....	.....	2,504
2	Weed Creek	2	714	1,962	1,765	.....	8	903
3	Weldon	3	1,555	9,096	9,643	.....	.....	1,008
1	West Butte	1	.....	2,104	.....	2,104	.....	.....
17	Whitlash	43	7,542	12,136	10,846	.....	.....	8,832
....	Whitlash West	....	284	.....	.....	.....	.....	284
2	Willow Creek North	2	830	2,306	2,423	.....	.....	713
2	Wills Creek South	2	.....	2,973	2,973	.....	.....	.....
3	Wolf Springs	4	1,266	2,553	3,031	.....	.....	788
2	Woodrow	2	347	2,021	2,098	.....	.....	270
5	Wright Creek	5	1,691	1,545	1,693	.....	.....	1,543
....	Wildcat, Blaine Cty.	....	157	.....	.....	.....	.....	157
....	Wildcat, Carbon Cty	....	310	.....	.....	.....	.....	310
1	Wildcat, Daniels Cty	1	606	579	.....	869	.....	316
1	Wildcat, Dawson Cty	1	624	3,034	.....	3,194	.....	464
2	Wildcat, Glacier Cty	5	1,242	891	256	.....	.....	1,877
1	Wildcat, McCone Cty	1	173	138	.....	213	.....	98
1	Wildcat, Richland Cty	1	1,039	14,527	.....	14,529	.....	1,037
2	Wildcat, Roosevelt Cty	2	866	2,020	.....	2,205	.....	681
2	Wildcat, Sheridan Cty	2	1,993	32,238	.....	32,866	.....	1,365
2	Wildcat, Toole Cty	2	282	1,385	.....	1,219	.....	448
711	Total	3,129	304,580	2,899,676	2,610,024	290,349	716	303,167

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1971	34,598,723	94,791	34,623,678	94,859
First Quarter, 1972	8,240,945	90,560	8,211,215	90,233
Second Quarter, 1972	8,547,983	93,934	8,559,903	94,065
July, 1972	2,899,676	93,538	2,900,373	935,604

Oil In Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage**	Total Oil In Storage**
December, 1971	290,832	1,316,998	605,612	2,213,352
March, 1972	318,394	1,389,602	990,950	2,698,946
June, 1972	304,580	1,480,979	1,091,168	2,876,727
July, 1972	303,167	1,378,479	1,061,502	2,743,148

*Montana Oil Only

**Includes Wyoming Oil

TRANSPORTERS REPORT — MONTH OF JULY, 1972

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped To			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Inc.			1,284				1,284		
BAINVILLE—Koch Oil Company			1,987				1,987		
BEAR'S DEN—Truck			1,841				1,841		
BELL CREEK—Pipeline	62,475	525,691					246,259	261,116	80,791
BIG WALL—Continental Pipeline Co.		10,861				10,861			
BLACKFOOT—									
Camerland Cardinal Corp.		1,580						1,580	
BORDER—Permian Corp.			563					563	
BOWES—Texaco Inc.		12,118				12,118			
BRORSON-MADISON, BRORSON-RED RIVER & BRORSON- RED RIVER SOUTH—Koch Oil Company			18,016					18,016	
BUSH LAKE—Portal Pipeline Co.		17,416					17,416		
CABIN CREEK & OTHERS*—									
Butte Pipeline Co.	398,276	685,098	23,580	756,939			1,527,682		336,211
Shell Pipeline Co.	2,073	289,116			4,148			284,139	2,902
	400,349	974,214	23,580	756,939	4,148		1,527,682	284,139	339,113
CANAL—Koch Oil Company			6,952				6,952		
CAT CREEK—									
Continental Pipeline Co.		15,101				15,101			
CLARK'S FORK AND CLARK'S FORK SOUTH—Permian Corp.			737				737		
COW CREEK AND COW CREEK EAST—Western Crude Oil, Inc.			41,257				41,257		
CULBERTSON—Sprucee Oil Co.			1,276				1,276		
CUT BANK—									
Continental Pipeline Co.		373,940	9,615					383,555	
Phillips Petroleum Co.	55,267	145,166		9,279	1,429	161,571		8,894	37,818
Texas Pipeline Co.	13,092	42,151		63,578	201			104,608	14,012
Union Oil Co.	112,509	51,735			918	67,180			95,946
Western Oil Trans. Co.		77,366						77,366	
Western Oil Trans. Co. (Moulton)		119,253						119,253	
	180,668	809,611	9,615	72,857	2,548	228,751		693,676	147,773
DELPHIA—Truck			507			507			
DWYER—Portal Pipeline Co.		16,298					16,298		
ELK BASIN AND ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		137,196				137,196			
FAIRVIEW—									
Fairview Pipeline Co.		14,811					14,811		
Koch Oil Company			21,031				21,031		
		14,811	21,031				35,842		
FLAT COULEE—									
Camerland Cardinal Corp.		5,293				5,293			
FLAT LAKE & FLAT LAKE SOUTH—Portal Pipeline Co.		54,977					54,977		
FT. GILBERT—									
Fairview Pipeline Co.		21,770					21,770		
FRANNIE—Interstate Pipeline Co.		1,581					1,581		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	13,123	38,955				25,979		9,279	16,820
GAGE—Truck			251			251			
GIRARD—Koch Oil Company			4,440				4,440		
GLENDIVE, DEER CREEK, WODDROW & SAND CREEK—									
Texas Pipeline Co.	7,692	26,066			758			28,892	4,108
GOOSE LAKE—Portal Pipeline Co.		29,561					29,561		
HAY CREEK—Fairview Pipeline Co.		11,145					11,145		
HIAWATHA—Continental Pipeline Co.		5,996					5,996		
IVANHOE—Continental Pipeline Co.		4,668				4,668			
JIM COULEE—									
Continental Pipeline Co.		25,460						25,460	
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		10,465				10,465			
KELLEY—Continental Pipeline Co.		6,235				6,235			
KEVIN SUNBURST—									
Big West Oil Co.	6,956	15,295				15,296			7,055
Homestake Oil & Gas Co.	827	1,845				1,505			1,167
Texas Pipeline Co.	10,054	7,456			(157)				17,667
	17,837	24,696			(157)	16,801			25,889
LEARY—Permian Corp.			1,820				1,820		
LODGE GRASS—Permian Corp.			977			977			
LONE TREE CREEK—Koch Oil Co.			76,186					76,186	
MASON LAKE—									
Continental Pipeline Co.		347				347			
MELSTONE—Continental Pipeline Co.		1,987				1,778	209		
MIDDLE WALL**—									
Continental Pipeline Co.		2,840						2,840	
MOSSER—Permian Corp.			573				573		
OTIS CREEK—									
Western Crude Oil, Inc.			4,488				4,488		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST—									
Portal Pipeline Co.		15,081					15,081		
PONDERA—Phillips Petroleum Co.	31,845	26,381			264	29,819			28,143
POPLAR, BENRUD, BENRUD EAST, RED FOX, REDSTONE—									
East Poplar Gathering System	23,338	60,726			(32)			75,145***	8,951
PUTNAM—Western Crude Oil, Inc.			4,196				4,196		
RAGGED POINT—									
Continental Pipeline Co.		5,170				4,967	203		
RED CREEK—									
Western Oil Transportation Co.		14,413						14,413	
RESERVE—Portal Pipeline Co.		6,091					6,091		
RUSH MOUNTAIN—Sinclair Ref. Co.		2,063					2,063		
SALT LAKE—Koch Oil Company			3,815				3,815		
SNYDER—Permian Corp.			792			792			
SOAP CREEK—Permian Corp.			3,718				3,718		
SPRING LAKE—Koch Oil Co.			3,057				3,057		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	739,773	108,230		2,786,746	3,848	98,361		2,811,857	720,683
TULE CREEK—									
Spruce Oil Co.	3,879	30,140				27,794			6,225
Permian Corp.			2,295			2,295			
	3,879	30,140	2,295			30,089			6,225
WEED CREEK & WOLF SPRINGS—									
Continental Pipeline Co.		4,797				4,797			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		10,615				8,935		1,680	
WILDCAT WELLS—Truck			55,095				55,095		
TOTAL	1,480,979	3,090,646	290,349	3,616,542	11,377	655,088	2,128,710	4,304,862	1,378,479

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon & Wills Creek South
**Little Wall Creek & Willow Creek North
***Transferred to Butte Pipeline Company

JUL 1972

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JULY, 1972

	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petroleum Co.	Spruce Oil Co.	Westco Refining Co.	Total
Big Wall		10,861								10,861
Bowes			49,346							49,346
Cat Creek		1,357		14,157						15,514
Cut Bank	50,919						158,437		133,354	342,710
Elk Basin		52,500		44,928	39,768					137,196
Flat Coulee									5,293	5,293
Fred & George Creek	25,979									25,979
Ivanhoe		4,668								4,668
Keg Coulee		3,419		6,143						9,562
Kelley					6,235					6,235
Kevin Sunburst	16,801									16,801
Lodge Grass		977								977
Mason Lake		347								347
Melstone				1,778						1,778
Pondera							25,894			25,894
Ragged Point				4,967						4,967
Snyder		792								792
Sumatra & Stensvad		19,009		79,352	9,252					107,613
Tule Creek								65,363		65,363
Weed Creek					1,765					1,765
Whitlash							9,279			9,279
Wolf Springs					3,032					3,032
Total Montana Oil	93,699	93,930	49,346	151,325	60,052		193,610	65,363	138,647	845,972
Canadian Oil Imported		384,606		278,936	309,352					972,894
Wyoming Oil Imported		934,567		327,560	1,105,279					2,367,406
Total Montana Canadian and Wyoming Oil	93,699	1,413,103	49,346	757,821	1,474,683		193,610	65,363	138,647	4,186,272

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1971	25,375	29,993	67,911	123,279
July, 1971	26,113	39,767	72,798	138,678
July, 1972	27,290	31,383	76,368	135,041

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1971	20.58%	24.33%	55.09%
July, 1971	18.83%	28.67%	52.50%
July, 1972	20.21%	23.24%	56.55%